SAMSUNG

SMARTPHONE

User Manual

Please read this manual before operating
your device and keep it for future reference.

Galaxy Tab S3

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Special Features

Learn about your mobile device's special features.

S Pen

An S Pen™ is provide for use with this device.

For more information, see "S Pen" on page 35.

Finger Scanner

Use fingerprint recognition as an alternative to entering passwords in certain apps. You can also use your fingerprint to verify your identity when logging in to your Samsung account.

For more information, see "Fingerprints" on page 143.

Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Set Up Your Device

Learn how to set up your device for the first time.

Assemble Your Device

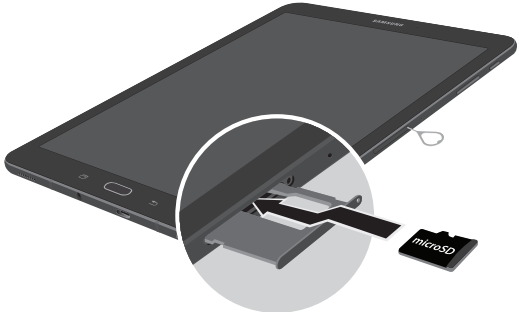
This section helps you to assemble your device.

Install an Optional Memory Card

You can install a microSD™ memory card (not included) to add more memory space to your device.

Warning: Small components such as Memory cards can pose a choking risk. Please be careful when handling these cards to avoid damaging them.

1. Insert the removal tool into the hole on the Memory card tray, and then push until the tray pops out.



Caution: Be careful when using the removal tool to eject an internal card tray.

2. Place the memory card on the tray with the gold contacts facing down.
3. Slide the Memory card tray back into the slot.

Charge the Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A USB charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. You can use the device while charging.

1. Insert the USB cable into the USB charger/ Accessory port.

Caution: Use only charging devices and batteries approved by Samsung. Samsung accessories are designed for your device to maximize battery life. Using other accessories may void your warranty and may cause damage.

2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. Unplug the charging head from the outlet and remove the USB cable from the device when charging is complete.

When to Charge the Battery

When the battery is low and only a few minutes of operation remain, the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

For a quick check of your battery level:

► View the battery charge indicator located in the top right corner of your device's display. A solid color ( ) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see "Battery" on page 130.

While charging, the device and the charger may become hot when using wireless charging or fast charging. This does not affect the device's lifespan or performance and is in the device's normal range of operation.

The charger may stop charging if the battery becomes too hot.

If the device heats up while charging the battery:

1. Disconnect the charger from the device and close any running apps.
2. Wait for the device to cool down and then begin charging the device again.
    - If the lower part of the device overheats, check for damage to the connected USB cable. Replace the damaged USB cable with a new Samsung-approved cable.
    - If using a wireless charger, do not place foreign materials between the device and the wireless charger.

Start Using Your Device

Turn Your Device On or Off

The instructions below explain how to turn your device on or off.

To turn the device on:

► Press and hold the **Power** key until the device turns on.

To turn the device off:

1. Press and hold the **Power** key until the Device options menu is displayed.
2. Tap **Power off**, and confirm if prompted.

Lock or Unlock Your Device

Use your device's screen lock features to secure your device.

By default, the device locks automatically when the screen times out.

To lock the device:

► Press the **Power** key.

The default Screen lock on your device is Swipe. To choose a more secure screen lock, see "Set a Screen Lock" on page 142.

To unlock the device:

► Press the **Power** key or **Home** key, and then drag your finger across the screen.

Restart the Device

If your device stops responding to taps or finger gestures and you are unable to turn it off, you can restart your device.

► Press and hold the **Power** key and the **Volume down** key at the same time for more than seven seconds.

Set Up Your Device

Use the Set Up Wizard

The first time you turn your device on, a Welcome screen is displayed. It guides you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi® network, set up accounts, choose location services, learn about your device's features, and more.

Voice Assistant provides voice prompts and descriptions of items on the screen to improve accessibility. During setup, you can enable or disable Voice Assistant by pressing the **Home** key quickly three times.

Google Account

Your new device uses your Google™ Account to fully utilize its Android™ features, including Gmail™, Google Duo, and the Google Play™ store.

When you turn on your device for the first time, set up your existing Google Account or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see "Accounts" on page 151.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts**.
3. Tap **Add account** > **Google**.

Factory Reset Protection

When you sign in to a Google Account on your device, Factory Reset Protection is turned on. Factory Reset Protection (FRP) prevents other people from using your device if it is reset to factory settings without your permission. For example, if your device is lost or stolen and a factory data reset is performed, only someone with your Google Account username and password can use the device.

You will not be able to access the device after a factory data reset if you do not have your Google Account username and password. For more information, see "Factory Data Reset" on page 138.

Caution: Before shipping your device back to Samsung or taking it to your nearest Samsung-authorized service center, you should remove your Google Account before resetting the device back to factory settings. For more information, visit: samsung.com/us/support/frp/.

Enable Factory Reset Protection

Adding a Google Account to your device automatically turns on the Factory Reset Protection (FRP) security feature. For more information, see google.com.

Disable Factory Reset Protection

To disable FRP, remove all Google Accounts from the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts** > **Google**.
   - If you have more than one Google Account set up on your device, tap the Google Account you want to remove.
3. Tap **More options** > **Remove account**. Confirm when prompted.

Samsung Account

Create a Samsung account for access to Samsung content and apps on your device. When you turn on your device for the first time, set up your existing Samsung account or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see "Accounts" on page 151.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts**.
3. Tap **Add account** > **Samsung account**.

Email Account

Use the Email app to view and manage all your email accounts in one app.

When you turn on your device for the first time, set up your existing email account or create a new email account.

– or –

To create a new email account or set up your email account on your device at any time, use Accounts settings. For more information, see "Accounts" on page 151.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts**.
3. Tap **Add account** > **Email**.

For more information on using Email, see "Email" on page 67.

Learn About Your Device

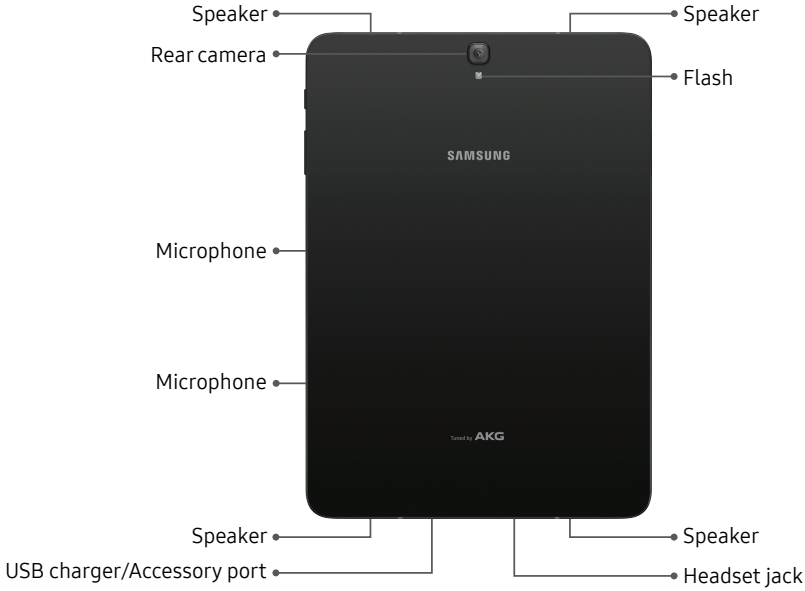
Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Front View

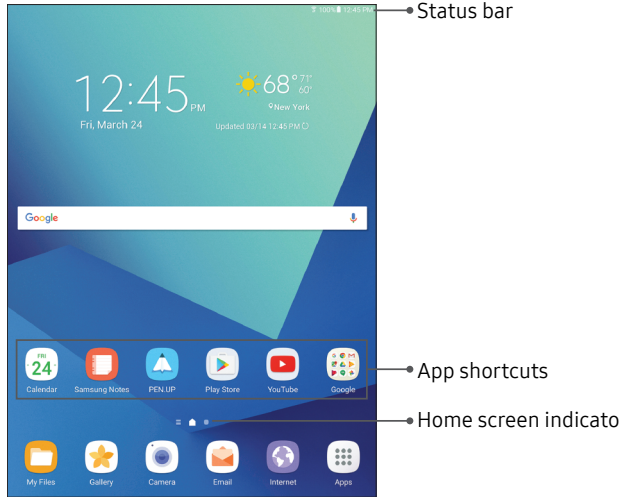
Light sensor
Front camera
Power key
Volume key
Memory card tray
Recent apps
Home key
Back
SAMSUNG
12:45
Fri, March 24

- **Power key**
  - Briefly press to turn on or off the screen.
  - Press and hold to select a power control option.
- **Home key**
  - Press and hold to launch Google.
  - Gently put your finger on the key when you want to unlock the screen with your fingerprint.
- **Volume key**
  - Adjust the volume of your device's sounds and audio playback.
  - Gently press a volume key to take a photo.

Back View


Speaker
Speaker
Rear camera
Flash
SAMSUNG
Microphone
Microphone
Tuned by AKG
Speaker
Speaker
USB charger/Accessory port
Headset jack

Home Screen


Status bar
12:45 PM
Fri, March 24
68° 71° 60°
New York
Updated 03/14 12:45 PM
Google
Calendar
Samsung Notes
PEN.UP
Play Store
YouTube
Google
App shortcuts
Home screen indicator
My Files
Gallery
Camera
Email
Internet
Apps

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

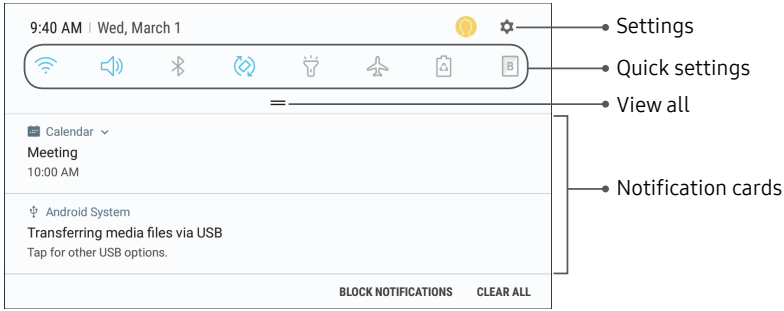
Status Icons

	Battery full
	Battery low
	Battery charging
	Vibrate mode
	Mute mode
	Wi-Fi active
	Wi-Fi available

Notification Icons

	New email
	New Gmail
	File download in progress
	File upload in progress
	GPS active
	App updates available
	App updates complete

Notifications



View the Notification Panel

You can access the Notification panel from any Home screen.

1. Drag the Status bar down to display the Notification panel.
2. Swipe down the list to see notification details.
   - To open an item, tap it.
   - To clear a single notification, drag the notification left or right.
   - To clear all notifications, tap **Clear all**.
3. Drag upward from the bottom of the screen or tap **Back** to close the Notification panel.

Quick Settings

In addition to notifications, the Notification panel also provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

To view additional Quick settings:

1. Drag the Status bar down to display the Notification panel.
2. Drag **View all** downward.
   - Tap a setting to turn it on or off.
   - Tap **More options** to reorder Quick settings or to change the button layout.
3. Drag **View all** upward to close the Quick settings.

Customize Your Home Screen

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

To add a shortcut:

1. From a Home screen, tap **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

To remove a shortcut:

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to **Remove shortcut** and release it.
    - Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

To move a shortcut from one Home screen to another:

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to **Move apps** and release it.
3. Swipe to a new Home screen.
4. Tap the shortcut to place it in the next available location, or drag it to a specific location and release it.

Widgets

Widgets are simple application extensions that run on a Home screen. There are many kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

To add a widget to a Home screen:

1. From a Home screen, pinch the screen.
2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and release it.

To remove a widget:

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to **Remove** and release it.
   - Removing a widget does not delete the widget, it just removes the widget from the Home screen.

Folders

Place folders on a Home screen to organize items.

Create a Folder

You can create an app folder on a Home screen.

1. From a Home screen, touch and hold an app shortcut and drag it on top of another app shortcut until a highlighted box appears.
2. Release the app shortcut to create the folder.
   - **Enter folder name**: Enter a name for the folder.
   - **Palette**: Change the color.
   - **Add**: Place more apps in the folder. Tap apps to select them, and then tap **Add**.
3. Tap anywhere outside of the folder to close it.
   - To add more apps, touch and hold an app shortcut and drag it to the folder.

Remove a Folder from a Home Screen

You can remove a folder that you added to a Home screen.

1. Touch and hold the folder until it detaches.
2. Drag the folder to **Delete** and release it. Confirm when prompted.

Wallpapers

Set visual themes for all system screens and icons on your device. Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers** to see all available wallpaper images.
   - Tap **From Gallery** for additional wallpapers.
3. Tap an image to choose it, and then choose which screen you want to use it for:
   - Home screen
   - Lock screen
   - Home and lock screens
4. Tap **Set as wallpaper**.

Screens

Your device comes with multiple Home screens to hold app shortcuts and widgets. You can add, remove, change the order of screens, as well as choose a different main Home screen.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - **Add a screen**: Swipe to the end of the screens, and then tap **Add**.
   - **Remove a screen**: Touch and hold a screen, and then drag it to **Remove**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen is displayed when you press the **Home** key.
   - **Change the order of screens**: Touch and hold a screen, and then drag it to a new position.

Navigation

Learn the basics for how to navigate through your device.

Touchscreen Navigation

Please note that a touch screen responds best to a light touch from the pad of your finger or a capacitive stylus. Using excessive force or a metallic object on the touch screen may damage the tempered glass surface and void the warranty.

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app shortcut to launch the application.

Double-Tap

Lightly tap items twice to select or launch them.

- Double-tap an image to zoom in or out.

Touch and Hold

Touch and hold items on the screen to activate them.

- Touch and hold a widget on a Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Common Options

The device uses basic command options to perform common actions.

- **More options**: Tap to view more menu options for a screen. This often allows you to select items to delete or share.
- **Delete**: Tap to select items to delete.
- **Share**: Tap to select items to share, and then choose a sharing method.
- **Edit**: Tap to customize the screen.
- **On/Off**: Tap to turn the option on ( ) or off ( ).
- **Checkbox**: Tap to enable or select. When enabled, a checkmark is displayed. You can often tap a checkbox at the top of the screen to select all.
- **Menu**: Tap to view available options for the field.

Entering Text

Text can be entered using a keyboard or by speaking.

Use the Samsung Keyboard

Enter text using a QWERTY keyboard.

Special Keys

!#☺	**Symbol**: Tap to insert symbols.

Touch and hold **Options** for the following:

	Voice input: Enter text using Google Voice™ typing.
	Handwriting: Use your handwriting to enter text.
	Clipboard: Access the clipboard.
	Emoticon: Insert an emoticon at the cursor position.
	Keyboard types: Change the layout of the keyboard.
	Keyboard settings: Access keyboard settings.

Predictive Text

Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites — improving the accuracy of predicting text entries.

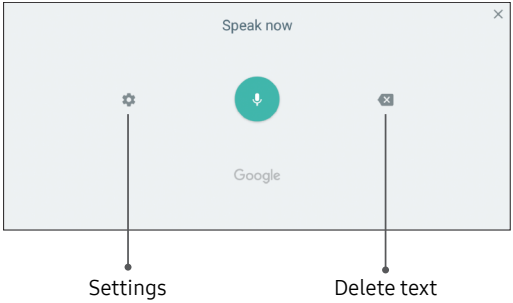
Configure the Samsung Keyboard

To customize the Samsung keyboard:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Virtual keyboard** > **Samsung keyboard** for options.
   - **Languages and types**: Set the keyboard type and language.
     - **Manage input languages**: Choose which languages are available on the keyboard.
   - **Smart typing**: Use predictive text and correct common typing mistakes to improve input.
     - **Predictive text**: Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites — improving its accuracy of predicting your text entries.
     - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.
   - **Customization**: Use alternative characters, text shortcuts, change the keyboard size, or use a high contrast keyboard.
   - **Other settings**: Reset keyboard settings, clear personalized data, and view information about the Samsung keyboard.

Use Google Voice Typing

Instead of typing, enter text by speaking.



To enable Google voice typing:

1. Tap **Voice input** on the Samsung keyboard.
   - You may need to touch and hold **Options** (left of the Space bar) to find it.
2. Speak your text.

Configure Google Voice Typing

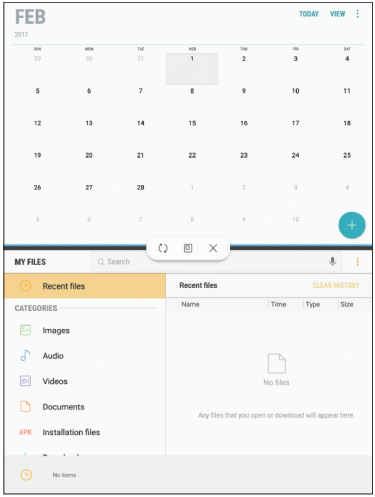
To customize Google voice typing:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Virtual keyboard** > **Google voice typing** for options.
   - **Languages**: Select languages for Google voice typing.
   - **"Ok Google" detection**: Launch a Google search whenever you say "OK Google".
   - **Hands-free**: Allow requests with the device locked.
   - **Speech output**: Select options for spoken feedback.
   - **Offline speech recognition**: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.

- **Block offensive words**: Hide search results that contain offensive words.
- **Bluetooth headset**: Use audio input from a Bluetooth® headset (not included) if one is connected.

Multi Window

Multitask by using multiple applications at the same time.



Window Controls

Tap — **Window controls** in the middle of the window border for options.

	Switch windows: Switch locations between Multi window apps.
	Open in pop-up window: Open the selected app in a pop-up window.
	Close app: Close the selected app.

Use Multi Window

Apps that support Multi window display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

1. Tap **Recent apps**.
   - Recently used apps that support Multi window have a **Multi window** icon in their title bar.
2. Tap **Multi window** in the title bar to launch an application in split screen view.
   - Other recently used apps that support Multi window display below the launched app.
3. Tap an app to add it to the split screen view.

S Pen

The S Pen is a stylus that assists you in performing different functions.

The S Pen comes with your device. It can be attached to the back of the device magnetically.

Air View

Hover the S Pen over the screen to preview content or view information about an item on the screen. For example:

- Hover over an email in a list to preview the message before opening it.
- Hover over a photo album to preview the contents or see a picture enlarged.
- Hover over the timeline during video playback to preview and navigate to specific scenes.
- Hover over an icon or screen button to view the item's name or description.

Note: The preview function is only available when the S Pen's onscreen pointer is a solid color.

Direct Pen Input

When filling out a form field in an app (like the Name or Number fields in the Contacts app), you can open a Handwriting window that allows you to handwrite an entry with the S Pen rather than type.

To use the Handwriting window:

1. Hover the S Pen over a text field until **Handwriting** displays.
2. Tap **Handwriting**. The Handwriting window displays.
3. Use the space provided in the window to write an entry by hand using the S Pen. While writing, your entries are converted into text.
   - To edit the converted text, use the Space, Delete, and Enter icons.
   - To change the position of the cursor, drag the pointer below the cursor to the desired position for editing.
   - To draw images, tap **Drawing mode**, and tap **Done** when finished.

Configure S Pen Settings

To configure S Pen settings:

► From a Home screen, tap **Apps** > **Settings** > **Advanced features** > **S Pen**.

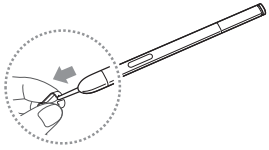
For more information, see "S Pen Settings" on page 162.

Replace the S Pen Tip

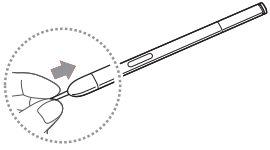
You can replace the tip of the S Pen.

To replace the tip:

1. Use tweezers to pull out the S Pen tip.



2. Insert the new pen tip in the end of the S Pen and press until it clicks in place.



Air Command

To launch the Air command menu:

► Remove the S Pen from the S Pen slot.

– or –

Hold the S Pen near the screen so that the pointer appears, and then press the **S Pen** button once.

– or –

Tap **Air command**.

Create Note

Launch a new note directly in the Samsung Notes app. For more information, see "Samsung Notes" on page 93.

► Tap **Air command** › **Create note**.

View All Notes

Launch the Samsung Notes app and view a listing of the notes you have created.

► Tap **Air command** › **View all notes**.

Smart Select

The Smart select feature provides a capture tool to select content on a screen. You can then add it to your Gallery app or share it with your contacts.

To launch the Smart select tool:

1. Tap **Air command** > **Smart select**.
2. Tap a shape at the top of the screen, and then drag a box with the S Pen to select content. The following options appear:
   - **Auto select**: Allow Smart select to automatically select content to extract.
   - **Extract text**: Identify and extract text from the selected content.
   - **Draw**: Draw on the captured screen using the S Pen.
   - **Share**: Choose a sharing method to share your content.
   - **Save**: Save the content to the Gallery app.

Screen Write

Screen write allows you to capture a screen shot and then write notes on the screen shot.

To use Screen Write:

1. Tap **Air command** > **Screen write**.
2. The current screen is captured, and a pen tool appears. The following editing tools are provided:
   - **Pen**: Draw on the screen shot. Press the **Pen** icon a second time to change the pen tip, size, color, and to save presets.
   - **Eraser**: Erase the writing or drawings on the screen shot. Tap the **Eraser** icon a second time to change the size of the eraser area and to see the **Erase all** option.
   - **Undo**: Undo the last action.
   - **Redo**: Redo the last action that was undone.
   - **Crop**: Crop the captured screen.
   - **Share**: Choose a sharing method to share your content.
   - **Save**: Save the content to the Gallery app.
3. Tap **Save** when finished.

Translate

Translate words by hovering over them with the S Pen.

To access Translate:

1. Tap **Air command** > **Translate**.
2. Tap the Source and Target languages to change them to the desired languages.
3. Hover the S Pen over a word.
   - Tap **Sound** to hear the word pronounced in the Source language.
4. Tap **Close** to close Translate.

Add Shortcuts

You can add shortcuts to apps and functions to the Air command menu.

To use Add shortcuts:

1. Tap **Air command** > **Add shortcuts**.
2. Swipe the screen up or down, and tap the apps or functions you would like to add to the Air command menu.
   - To delete an app shortcut tap **Remove**.
3. Tap **Back** to save your selection.

Air Command Settings

Configure settings for Air command.

To access Settings:

► Tap **Air command** > **Settings**. The following options are available:

- **Shortcuts**: Choose and arrange the shortcuts that appear on the Air command menu.
- **Floating icon**: Choose to enable the Air command menu to appear as a floating icon that can be moved around the screen.

Apps

Learn how to change the way apps are displayed, organize apps into folders, and uninstall or disable apps.

Using Apps

The Apps list displays all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Access Apps

You can access and launch all applications from the Apps list.

1. From a Home screen, tap **Apps**.
2. Tap an app's shortcut to launch it.
   - To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device.

- **Play Store**: Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
- **Galaxy Apps**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

To uninstall or disable an app:

1. From a Home screen, tap **Apps**.
2. Tap **More options** > **Edit**. Apps that can be uninstalled or disabled display **Uninstall/disable** on their shortcut.
3. Tap **Uninstall/disable** and follow the prompts to either uninstall or disable the app.
4. Tap **Done** when finished.

To enable apps after disabling them:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Apps**.
3. Tap **Menu** > **Disabled**, and then tap the app you want to enable.
4. Tap **Enable**. The app is displayed again in the Apps list.

Organize Apps

Arrange the Order

App shortcuts can be listed alphabetically or in your own custom order.

To change the order apps are listed:

1. From a Home screen, tap **Apps** > **More options** > **Edit**.
2. Touch and hold an app shortcut or folder, and then drag it to a new location.
3. Tap **Done** when finished.

To alphabetize your apps:

1. From a Home screen, tap **Apps** > **More options** > **Sort**.
2. Tap **Alphabetical order**.

Use Folders

You can organize App shortcuts in a folder on an Apps list screen.

1. From a Home screen, tap **Apps** > **More options** > **Edit**.
2. Touch and hold an app shortcut, and then drag it on top of another app shortcut until a highlighted box is displayed.
3. Release the app shortcut to create the folder.
   - **Enter folder name**: Name the folder.
   - **Palette**: Change the folder color.
   - **Add**: Place more apps in the folder. Tap apps to select them, and then tap **Add**.
4. Tap anywhere outside of the folder to close it.
   - To add more apps, touch and hold an app shortcut and drag it to the folder.
5. Tap **Done** when finished.

To launch apps in a folder:

► Tap a folder, and then tap an app shortcut to launch it.

To delete a folder:

1. From a Home screen, tap **Apps** > **More options** > **Edit**.
2. Tap the folder to delete, and then tap **Remove folder**. Confirm when prompted.
3. Tap **Done** when finished.

To add a folder to a Home screen:

1. From a Home screen, tap **Apps**.
2. Touch and hold a folder, drag it to a Home screen, and then release it.

Apps Settings

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate this software at your own risk.

If you have disabled apps, you can choose whether to display them.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Apps**.
3. If you have disabled applications:
   - Tap **Menu** at the top left of the screen.
   - Tap **All apps**, **Enabled**, or **Disabled**.
4. Tap **More options** for the following options:
   - **Sort by size/name**: Sort the apps by size or name.
   - **Default apps**: Choose or change apps that are used by default for certain features, like email or browsing the Internet.
   - **App permissions**: Control which apps have permissions to use certain features of your device.
   - **Show/Hide system apps**: Show or hide system (background) apps.
   - **Special access**: Enable various special access settings.
   - **Reset app preferences**: Reset options that have been changed. Existing app data is not deleted.

5. Tap an application to view and update information about the application. The following options are displayed:

   - **Uninstall/Disable**: Uninstall or disable the application. Preloaded apps can only be disabled.
   - **Force stop**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
   - **Data usage**: View mobile data usage.
   - **Battery**: View battery usage since the last full charge.
   - **Storage**: Manage the app's storage usage.
   - **Memory**: View memory usage.
   - **Notifications**: Configure notifications from the app.
   - **Permissions**: View permissions granted to the app for access to your device's information.
   - **Set as default**: Set the app as a default for a certain category of apps.
   - **More settings**: Configure additional app settings.
   - **Apps that can appear on top**: Tap **Allow permission** to allow this app to run on top of other running apps.
   - **Apps that can change system settings**: Tap **Allow permission** to allow the app to change system settings.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

You can use your calculator to perform basic operations and advanced arithmetic functions.

1. From a Home screen, tap **Apps** > **Calculator**.
2. Enter the first number using the numeric keys, tap the appropriate arithmetic function key, and enter the next number.
3. Tap **Equals** to view the result.
4. Tap **Clear** to clear the results.

Additional Functions

You can perform additional functions on your calculator.

To clear the calculator history:

► Tap **Clear history**.

– or –

Tap **Keypad** to return to the calculator keys.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field, and then tap **Copy**.

Convert Units of Measurement

You can quickly convert units of measurement using the unit converter.

1. From a Home screen, tap **Apps** > **Calculator**.
2. Tap **Unit converter**.
3. Select a category and use the drop down menus to choose units of measurement.
4. Enter the numeric value to view the conversion.

Calendar

Manage your events and tasks.

Calendar View

To choose a calendar view:

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **View**, and then tap one of the following:
   - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
   - **Month**: Display the current month. Swipe across the screen to display another month. Events and tasks are also displayed.
   - **Week**: Display the current week. Swipe across the screen to display another week.
   - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
   - **Tasks**: Display all tasks.
3. Tap **Today** to return to the current date.

Create an Event

You can use your Calendar to create events.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **Add** to add an event.
3. Enter details for the event, and then tap **Save**.

Share an Event

You can share events you create from your Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it, and then tap again to edit it.
3. Tap **Share**, choose a sharing method, and follow the prompts.

Delete an Event

You can delete events you create from your Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it, and then tap again to edit it.
3. Tap **Delete**. Confirm when prompted.

Create a Task

You can use your Calendar to create tasks. Tasks are items you add to the calendar to be accomplished on a certain day. A task appears as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **View** > **Tasks**.
3. Tap **Add** to enter a new task.
4. Enter details for the event, and then tap **Save**.

Delete a Task

You can delete tasks you create from your Calendar.

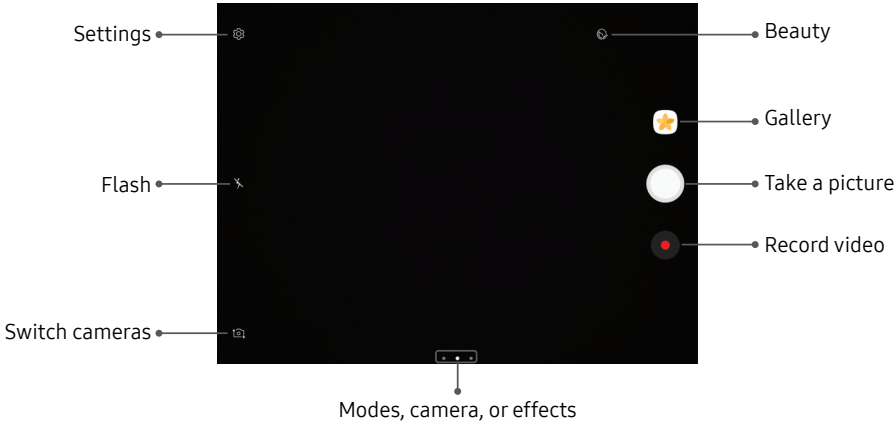
1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap a day on the calendar to view the tasks for the day, or tap **View** > **Tasks**.
3. Tap the **Checkbox** by the task to mark it as complete and remove it from the calendar.
   - To delete the task permanently, tap the task to open it, and then tap **Delete**. Confirm when prompted.

Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.

Camera and Video



Take Pictures

Take pictures with your device's front or rear camera.

1. From a Home screen, tap **Apps** > **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the available options or these gestures:
   - To focus the shot, tap the screen. When you tap the screen, a brightness scale is displayed. Slide the light bulb up or down to adjust the brightness.
   - To add an effects filter, swipe to the left and tap a preview filter to apply it to the screen.
   - To add a shooting mode, swipe to the right and select a mode.
   - To quickly switch between the front and rear cameras, swipe the screen up or down.
   - To add a camera setting, tap a Quick settings icon or **Settings**.
3. Tap **Take a picture** to take the picture.

Record Videos

Record high-quality videos using your phone's video camera.

Note: If you have an SD card installed, pictures and videos are stored to the SD card. If no card is installed, pictures and videos are saved to your phone's memory.

1. From a Home screen, tap **Apps** > **Camera**.
2. Aim the camera at your subject, and then tap **Record**.
3. The following actions are available:
   - Tap **Capture** to take a picture while recording.
   - Tap **Pause** to pause recording.
   - Tap **Resume** to resume recording.
   - Tap **Stop** to stop recording.

Configure Shooting Mode

Several visual effects are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap **Apps** > **Camera**.
2. Swipe to the right for the Mode options. Each section indicates which camera (front or rear) the modes are available for.

Rear camera

- **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
- **Pro**: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
- **Panorama**: Create a linear image by taking pictures in either a horizontal or vertical direction.

- **Hyperlapse**: Create your own time lapse video by recording at various frame rates. The frame rate is automatically adjusted depending on the scene being recorded and the movement of the device.
- **HDR (Rich tone)**: Enables the light sensitivity and color depth features of the device to produce a brighter and richer picture.
- **Food**: Take pictures that emphasize the vivid colors of food.

Front camera

- **Selfie**: Take selfie shots and apply various effects, such as an airbrushed effect.
- **Wide selfie**: Take wide-angle selfie shots to fit more people into your pictures.

Common

- **Download**: Download additional shooting modes from the Galaxy Apps store.
- **More options**: See more options for the camera modes.
- **Continuous shot**: Touch and hold the Camera button to take pictures continuously.
- **Virtual shot**: Create multi-directional views of objects.

Share Pictures and Videos

The Gallery application lets you share pictures and videos on your social networks and messaging apps. You can also send them to another phone or your computer using Bluetooth.

For more information, see "Share Pictures and Videos" on page 74.

Camera Settings

You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

1. From a Home screen, tap **Apps** › **Camera**.
2. Tap **Settings** to configure settings for the Camera. Available options vary depending on the camera or recording mode used.

Rear camera

- **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.

Front camera

- **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Save pictures as previewed**: Save the self-portrait or self-recording as viewed on the camera screen, not as flipped images.

- **Ways to take pictures**:
  - **Tap to take pictures**: Tap the screen to take selfies.
  - **Gesture control**: Detect your palm and automatically take a picture two seconds later.

Common

- **Timer**: Take time-delayed pictures or videos.
- **Video stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.
- **Full screen view (16:9)**: Preview pictures and videos using the full screen.
- **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.
- **Location tags**: Attach a GPS location tag to the picture.
- **Review pictures**: Set to show pictures after taking them.
- **Storage location**: Select the memory location for storage. This option only appears if an optional memory card (not included) is installed.
- **Volume key function**: Use the Volume key as the camera key, the record key, or for system volume.
- **Reset settings**: Reset the camera settings.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap a tab to use a feature:
   - **Alarm**: Set an alarm to ring at a specific time.
   - **World clock**: View the time of day or night in other parts of the world. World clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: Measure intervals of time.
   - **Timer**: Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Alarm

Set an alarm to ring at a specific time.

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Add alarm**.
3. Tap the following items to configure an alarm:
   - **Date**: Choose the day for this alarm.
   - **Time**: Set a time for the alarm.
   - **Repeat**: Choose when to repeat the alarm.
   - **Alarm name**: Enter a name for the alarm.
   - **Snooze**: Allow snoozing. Set interval and repeat values for the alarm while snoozing.

- **Alarm tone and volume**: Choose a sound to play for the alarm, and drag the slider to set the volume of the alarm.
- **Vibration**: Choose whether the alarm uses vibration alert.
- **Read time aloud**: Set the device to read the time aloud when the alarm rings.

4. Tap **Save** to save the alarm.

Delete an Alarm

You can delete an alarm that you created.

1. From a Home screen, tap **Apps** > **Clock**.
2. Find the alarm in the alarm list (under **Alarm**), and then touch and hold it to select it.
3. Tap **Delete**.

World Clock

The World clock lets you keep track of the current time in multiple cities around the globe.

To list a city on the main World clock screen:

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World clock**.
3. Tap **Add city**.
   - A map of the world displays with the locations you have added.
4. Tap a city or tap **Search**.
5. Tap the city to add it to the World clock list.
6. Repeat to add more cities.

To remove a city from the main World clock screen:

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World clock**.
3. Find the city to remove, and then touch and hold it to select it.
4. Tap **Delete**.

Stopwatch

The Stopwatch lets you time events down to a hundredth of a second.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Stopwatch** and use the following options:
   - **Start**: Begin timing.
   - **Stop**: Stop timing.
   - **Lap**: Keep track of lap times.
   - **Resume**: Continue timing after stopping the clock.
   - **Reset**: Reset the Stopwatch to zero.

Timer

The Timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Timer**.
3. Use the keypad and tap **Hours**, **Minutes**, and **Seconds** to set the length of the Timer. The following options are available:
   - **Start**: Begin the Timer.
   - **Pause**: Pause the Timer.
   - **Resume**: Resume the Timer.
   - **Cancel**: Stop the Timer.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts.

For more information on connecting with and managing your accounts through your device, see "Accounts" on page 151.

Note: The Contacts app is different from the Contacts tab in the Phone app. Although both list the contacts in your phone and accounts, the available options and functions are different.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Create contact**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name and other contact information.
     - Tap **Add field** to enter additional entries.
     - Tap **Remove field** to remove an entry.
     - Tap **View more** for additional fields.
     - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).
3. Tap **Save**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add more fields to the contact's list of information.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it, and then tap **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **Save**.

Share, Import, or Export Contacts

When you share a contact, the contact's information is sent as a vCard file (VCF) or as a text file. You can share a vCard using Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

Share a Contact

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it, and then tap **Share**.
3. Choose whether to send the contact as a **vCard file (VCF)** or as a **Text**.
4. Choose a sharing method and follow the prompts.

Import Contacts

Your phone can import contacts from an installed SD memory card (not included).

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Settings** > **Import/export contacts**.
3. Tap **Import** and follow the prompts.

Export Contacts

If you are saving contacts to an account that does not automatically back them up to the Cloud, you can manually back them up to an optional installed SD card for re-import if needed.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Settings** > **Import/export contacts**.
3. Tap **Export** and follow the prompts.

Link or Unlink Contacts

When you have contacts from various accounts, you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

To link contacts:

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it.
3. Tap **More options** > **Link contacts**.
4. Tap contacts to choose them.
5. Tap **Link**.

To unlink contacts:

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it.
3. Tap **More options** > **Manage linked contacts**.
4. Tap **Disconnect** beside contacts to unlink them from the main contact.

Mark Contacts as Favorites

When you mark contacts as favorites, they are easily accessible from other apps. Favorites display together on the Favorites tab in the Phone app.

To mark contacts as Favorites:

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it.
3. Tap **Add to Favorites** (the star brightens).

To remove contacts from Favorites:

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to select it.
3. Tap **Remove from Favorites** (the star dims).

Delete Contacts

You can delete a single contact or choose multiple contacts to delete.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Touch and hold a contact to select it. You can also tap other contacts or tap the **All** checkbox at the top of the screen to select all contacts.
3. Tap **Delete**, and then confirm when prompted.

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

You can create your own contact groups.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Groups**.
3. Tap **Create**, and then tap fields to enter information about the group:
   - **Group name**: Enter a name for the new group.
   - **Add member**: Select contacts to add to the new group, and then tap **Done**.
4. Tap **Save**.

Edit a Group

You can rename a contact group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Groups**, and then tap a group.
3. Tap **Edit** and enter a new name.
4. Tap **Save**.

Add to or Remove Contacts from a Group

You can add more contacts to a group, or remove contacts.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Groups**, and then tap a group.
3. Tap **Edit**.
   - To add a contact, tap **Add member**, and then tap the contacts you want to add. When finished, tap **Done**.
   - To remove a contact, tap **Delete** next to a contact.
4. Tap **Save**.

Send an Email to a Group

You can send an email to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Groups**, and then tap a group.
3. Tap **More options** > **Send email**.
4. Tap contacts to select them, or tap the **All** checkbox at the top of the screen to select all, and then tap **Done**.
   - Only group members that have an email address in their records are displayed.
5. Choose an email account and follow the prompts.

Delete a Group

Preset groups cannot be deleted.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Groups**, and then tap the group to delete.
3. Tap **More options** > **Delete**.
4. Tap **Group only** to only delete the group or tap **Group and members** to delete the group and the contacts in the groups.

Contacts Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.

Email

Use the Email app to view and manage all your email accounts in one app. To add an email account, see "Email Account" on page 13.

To access Email:

► From a Home screen, swipe up to access **Apps** › **Email**.

Create and Send an Email

This section describes how to create and send an email using the Email app.

1. From a Home screen, swipe up to access **Apps** › **Email**.
2. Tap **Compose new email**.
3. Tap the **To** field to manually add an email address or tap **Add from Contacts** to select a recipient from Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a checkmark, and then tap **Done**. The contact is displayed in the recipients field.
   - Tap **Show additional fields** to add Cc and Bcc fields.
4. Tap the **Subject** and **Message** fields to enter text.
   - Tap **Attach** to add Files, Images, Audio, and more to your email.
   - Tap **More options** for additional email options.
5. Review your message and tap **Send**.

Manage the Inbox

There are several tools available from the Inbox screen.

1. From a Home screen, swipe up to access **Apps** › **Email**.
   - Tap a message to read and reply or forward it.
   - Tap **Search** to search for key words in your email inbox.
   - Tap **Edit** for additional message options like sorting, deleting, sharing and more.
   - Tap **Sort by** to customize how messages display.

View Multiple Email Accounts

You can view email you receive for multiple accounts on the Combined inbox screen or you can view email accounts individually.

1. From a Home screen, swipe up to access **Apps** › **Email**.
2. Tap **Mailbox** at the top left of the screen to view the current account mailbox.
3. Tap the account name to view:
   - **All accounts**: View all email in a combined inbox.
   - **[Account Name]**: View email for only one email account.

Remove Email Accounts

To remove an email account:

1. From a Home screen, swipe up to access **Apps** › **Email**.
2. Tap **Mailbox** › **Settings**.
3. Tap the account you want to remove.
4. Tap **Remove**. Confirm when prompted.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, swipe up to access **Apps** › **Email**.
2. Tap **Mailbox** › **Settings**.
3. Under **General**, tap an option, and then follow the prompts.
4. Tap an account to configure specific settings for only that account.

Excel

View, create, and edit spreadsheets on your device. You can unlock the full Excel® experience with an Office 365™ subscription.

► From a Home screen, tap **Apps** › **Microsoft Apps** folder › **Excel**.

Galaxy Apps

Samsung Galaxy Apps provides a quick and easy way to find and download free premium apps that are compatible with your Galaxy device.

A Samsung account is required to purchase and download apps.

To access the Samsung Galaxy Apps website:

► From a Home screen, tap **Apps** › **Samsung** folder › **Galaxy Apps**.

Gallery

View, edit, and manage pictures and videos.

View Pictures

Launching Gallery displays available folders. When another app, such as Email, saves a picture, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap **Apps** › **Gallery**.
2. Tap **Pictures**, **Albums**, or **Stories** to choose the way items are displayed.
   - In Albums view, you can create albums to organize your pictures. On the drop-down menu, tap **Albums**, and then tap **More options** › **Create album**.
3. Depending on the view mode selected, either tap a picture to view it, or first tap an album or folder, and then tap a picture.
   - When viewing a picture, you can swipe left or right to view the next or previous picture.

Edit Pictures

You can edit pictures stored on your device.

► While viewing a picture, tap the screen once to see the following options:

- **Auto adjust**: Apply adjustments determined by built-in correction software.
- **Share**: Send the image to your contacts by email, messaging, social media, cloud accounts, or other methods.
- **Edit**: View and use the editing tools.

- **Delete**: Delete the image from your device.
- **Favorite**: Mark the picture as a favorite, and then access it from the Favorites view.
- **More options**:
  - **Details**: View and edit information about the picture, including the date created, location, and properties.
  - **Rotate left**: Rotate the picture counter-clockwise.
  - **Rotate right**: Rotate the picture clockwise.
  - **Slideshow**: Start a slideshow with the pictures and videos in the current folder.
  - **Set as contact picture**: Set the picture as the photo for a contact.
  - **Set as wallpaper**: Set the picture as a wallpaper for the Home and Lock screens.
  - **Print**: Send the image to your connected printer.

Play Video

You can play videos stored on your device.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap a video to view it.
4. Tap **Play video** to play the video.

Edit Video

You can trim segments of a video.

1. Select a video, and then tap the screen once to see the video options.
2. Tap **Edit**, and then tap **Trim**.
3. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, and then move the right bracket to the desired ending point.
4. Tap **Save** to save the video. Modify the File name or Resolution, and then tap **Save** to confirm the changes.

Share Pictures and Videos

You can share pictures and videos from your Gallery.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder to open it.
3. In a folder, tap **More options** > **Share**, select images and videos, and then tap **Share** to send them to others or share them with social network services.

   – or –

   While viewing a single image or video, tap **Share** to send it to others or share it with social network services.

Manage the Gallery

Organize your pictures and videos.

Albums View

In Albums view, you can create albums to organize your pictures and videos.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap the **Albums** tab.
3. Tap **More options** > **Create album**.

Delete Files

You can delete pictures and videos stored on your device.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder to open it.
3. Tap **More options** > **Edit**.
4. Tap pictures and videos to select them, or tap the **All** checkbox at the top of the screen to select all pictures and videos.
5. Tap **Delete**, and confirm when prompted.

   – or –

   When viewing a single picture or video, tap **Delete**.

Google Apps

Enjoy these apps from Google. Certain apps require a Google Account. Visit google.com to learn more.

Chrome

Browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

► From a Home screen, tap Apps > **Google** folder > **Chrome**.

Visit google.com/chrome/browser/mobile to learn more about Chrome™.

Drive

Open, view, rename, and share your Google Docs™ and files.

► From a Home screen, tap **Apps** > **Google** folder > **Drive**.

Visit drive.google.com to learn more about Google Drive™.

Gmail

Send and receive email with Gmail, Google's web-based email service.

► From a Home screen, tap **Apps** > **Google** folder > **Gmail**.

Visit gmail.com to learn more.

Google

Search not only the Internet, but also the apps and contents of your device.

► From a Home screen, tap **Apps** > **Google** folder > **Google**.

Hangouts

Meet friends and family online, share photos, host video calls, and send SMS and Hangouts messages.

► From a Home screen, tap **Apps** > **Google** folder > **Hangouts**.

Visit hangouts.google.com to learn more.

Maps

Find your current location and get directions and other location-based information.

► From a Home screen, tap **Apps** > **Google** folder > **Maps**.

Visit google.com/maps to learn more.

You must enable location services to use Google Maps™. For more information, see "Location" on page 111.

Photos

Automatically backs up your photos and videos to your Google Account.

► From a Home screen, tap **Apps** > **Google** folder > **Photos**.

Visit photos.google.com to learn more about Google Photos™.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

► From a Home screen, tap Apps > **Google** folder > **Play Movies & TV**.

Visit play.google.com/store/movies to learn more.

Play Music

Play music and audio files on your device.

► From a Home screen, tap Apps > **Google** folder > **Play Music**.

Visit play.google.com/music to learn more.

Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

► From a Home screen, tap Apps > **Play Store**.

Visit play.google.com/store to learn more.

YouTube

View and upload YouTube™ videos right from your device.

► From a Home screen, tap Apps > **Google** folder > **YouTube**.

Visit youtube.com to learn more.

Internet

Access the Internet with a fully-featured web browser.

► From a Home screen, tap **Apps** > **Samsung** folder > **Internet**.

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go** on the keyboard.

Command Keys

The following command keys are available:

- **Back** or **Back**: Return to the previous page.
- **Forward**: Go forward to a recent page.
- **Home**: Display your Internet Home screen.
- **Bookmarks**: Manage bookmarked pages, saved pages, and history.
- **More options**: Share, save, or bookmark a web page, open a new secret tab, display Internet app settings, and more.
- **Refresh**: Refresh or reload the current web page.

Browser Tabs

Use tabs to view multiple web pages at the same time.

To open a new tab:

► Tap **Add tab**.

To close a tab:

► Tap **Close tab**.

Save and Use Bookmarks

The Bookmarks page stores Bookmarks, Saved pages, and History.

Save and Open Bookmarks

Bookmarking a web page saves the web address so that you can access it quickly.

To bookmark the current web page:

1. Tap **More options** > **Add to Bookmarks**.
2. Type a title for the bookmark and tap **Save**.

To open a bookmarked web page:

1. Tap **Bookmarks** > **Bookmark**.
2. Tap a bookmark entry.

Saved Pages

Saving a web page stores the web page content on your device so that you can access it offline.

To save the current web page:

► Tap **More options** > **Save web page**.

To view saved web pages:

1. Tap **Bookmarks** > **Saved pages**.
2. Tap a saved page to open it in the browser.

View History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **History**.

Share Pages

To share a web page address with others:

► Tap **More options** > **Share**, and follow the prompts.

Secret Mode

Pages viewed in Secret mode are not listed in your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows. Any downloaded files remain on your device after you close the secret tab.

To enable Secret mode:

1. From a Home screen, tap **Apps** > **Samsung** folder > **Internet**.
2. Tap **More options** > **Turn on Secret mode**.
3. Tap **Set password** to protect your Secret mode data with a password.

   – or –

   Tap **Do not use password**.

To turn off Secret mode:

1. From a Home screen, tap **Apps** > **Samsung** folder > **Internet**.
2. Tap **More options** > **Turn off Secret mode**.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **Samsung** folder > **Internet**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.

Kids Mode

Create a child-friendly environment on your device. The following apps are available: Drawing, Gallery, Camera, Music. All content available to the child is controlled in the Parental Controls section.

► From a Home screen, tap **Apps** › **Samsung** folder › **Kids Mode**.

My Files

Access files stored on your device, including images, videos, music, and sound clips.

To view files in My Files:

1. From a Home screen, tap **Apps** > **Samsung** folder > **My Files**.
2. Tap a category to view the relevant files or folders.
3. Tap a file or folder to open it.

File Groups

Files stored in the device are organized into the following groups:

- **Recent files**: View recently saved files.
- **Categories**
  - **Images**: View image files.
  - **Audio**: View audio files.
  - **Videos**: View video files.
  - **Documents**: View document files.
  - **Installation files**: View all APK files.
  - **Downloads**: View all apps and files that have been downloaded to the device.
- **Phone**
  - **Internal storage**: View folders and files located on the device.
  - **SD card**: View folders and files located on an optional memory card (not included).
- **Cloud**
  - **Google Drive**: Use a Google account for cloud storage.

My Files Options

Use My File options to search, edit, clear file history, and more.

► From a Home screen, tap **Apps** > **Samsung** folder > **My Files**.

The following options are available:

- **Search**: Search for a file or folder.
- **More options**: Tap for the following options:
  - **Edit**: Edit files shown in Recent files.
  - **Share**: Share files.
  - **Manage storage usage**: View memory information for your device.
  - **Settings**: View settings for the My Files app.
- **Clear history**: Clear the Recent files category. This option only appears if files have been accessed recently.

Netflix

Watch TV shows and movies, streaming from Netflix.

► From a Home screen, tap Apps > Netflix.

OneDrive

Store and share photos, videos, documents, and more in your free online OneDrive® account, which you can then access from your personal computer, tablet, or phone.

► From a Home screen, tap **Apps** > **Microsoft Apps** folder > **OneDrive**.

OneNote

Stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote® notebooks using OneDrive.

► From a Home screen, tap **Apps** > **Microsoft Apps** folder > **OneNote**.

PEN.UP

Share photos, comment on other creations, or just browse through the pages for something to add to your personal collection. This community brings together anyone that uses the S Pen to draw, sketch, scribble, or paint.

► From a Home screen, tap **Apps** › **Samsung** folder › **PEN.UP**.

PowerPoint

View, create, and edit presentations on your device. You can unlock the full PowerPoint® experience with an Office 365 subscription.

► From a Home screen, tap **Apps** › **Microsoft Apps** folder › **PowerPoint**.

Recolor

Recolor is the world's favorite coloring book on mobile. It is the most polished and high-quality coloring book on mobile, including +1100 beautiful art illustrations.

► From a Home screen, tap **Apps** › **Recolor**.

Samsung Flow

Connect your phone and tablet with Samsung Flow. You can then view notifications and reply to messages from your phone on your connected tablet. You can also use Mobile hotspot to access the Internet on your tablet through your phone's network connection, while other networks are not available.

► From a Home screen, tap **Apps** › **Samsung** folder › **Samsung Flow**.

Samsung Kids

Samsung Kids is a monthly service that provides easy access to age-appropriate activities while also using parental security features. The Samsung Kids subscription requires a Samsung account and a Wi-Fi connection in order to download and access Samsung Kids content.

► From a Home screen, tap **Apps** > **Samsung** folder > **Samsung Kids**.

Samsung Notes

Use Samsung Notes to write and save notes on your device.

Compose a Note

You can create notes using the Samsung Notes app.

1. From a Home screen, tap **Apps** > **Samsung Notes**.
2. Tap **Create** and type a note. Available options include:
   - **Text**: Use the keyboard to type text.
   - **Pen**: Use your finger or a stylus (not included) to write text.
   - **Brush**: Create a drawing.
   - **Image**: Insert an image into the note.
   - **Voice**: Use your voice to insert text into the note.
3. Tap **Back**, and then tap **Save** when finished.

Edit Notes

You can make edits to notes you create.

1. From a Home screen, tap **Apps** > **Samsung Notes**.
2. Tap a note to view it.
3. Tap the content and make edits.
4. When you are finished, tap **Save**.

Browse Notes

You can browse notes you create.

► From a Home screen, tap **Apps** > **Samsung Notes**.

- Browse note entries by swiping up or down.
- To search for a note, tap **Search**.

Notes Options

You can edit, share, or manage notes.

1. From a Home screen, tap **Apps** > **Samsung Notes**.
2. While browsing notes, tap **More options** for the following options:
   - **Edit**: Select notes to share, delete, or move.
   - **Sort by**: Change the way notes are organized.
   - **List/Grid view**: Switch between List view and Grid view.
   - **Settings**: View settings for the Samsung Notes app.

Samsung+

Get live help, discover new features, and unlock promotions for your Samsung device.

► From a Home screen, tap **Apps** > **Samsung+**.

Visit samsung.com/us/samsung-plus to learn more.

Secure Folder

Lock your private content and apps to enhance security.

► From a Home screen, tap Apps › **Samsung** folder › **Secure Folder**.

Skype

Hold video and voice calls, and send instant messages to anyone around the world using Skype®.

► From a Home screen, tap **Apps** › **Microsoft Apps** folder › **Skype**.

Soundcamp

Perform and write music anytime, anywhere on your mobile device.

- From a Home screen, tap **Apps** > **Soundcamp**.

Texture

Texture® brings the world's greatest magazines to life on your digital device.

► From a Home screen, tap **Apps** › **Texture**.

Visit texture.com to learn more.

Word

View, create, and edit documents on your device. You can unlock the full Word experience with an Office 365 subscription.

- From a Home screen, tap **Apps** > **Microsoft Apps** folder > **Word**.

Settings

Configure your device's connections and settings, add accounts, and customize Home screens, apps, and features.

How to Use Settings

Access Settings

There are a couple of ways to access your device settings.

► From a Home screen, tap **Apps** › **Settings**.

– or –

Drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, tap **Apps** › **Settings**.
2. Tap **Search**.
   - Enter a word or words in the **Search** field. As you type, settings that match display on the screen.
   - Tap an entry to go to that setting.

Connections

Manage connections between your device and a variety of networks and other devices.

Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a wireless Access Point (AP).

Connect to a Wi-Fi Network

To scan for a Wi-Fi network and connect to it:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
   - When Wi-Fi is turned on, your device automatically scans for available networks and displays them.
3. Tap the network you want to connect to.
   - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

You can connect your device to a Wi-Fi network manually.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
3. Swipe to the bottom of the screen and tap **Add network**.
4. Enter information about the Wi-Fi network:
   - **Network name**: Enter the name of the Wi-Fi network.
   - **Security**: Select a security option and enter your password.
   - **Auto reconnect**: Connect to this network automatically whenever available.

- **Show advanced options**: Add advanced options such as IP settings and Proxy settings.

5. Tap **Connect** to store the new information and connect to your target wireless Access Point.

Wi-Fi Options

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
3. Tap **Advanced** for options:
   - **Network notification**: Receive notifications when open networks in range are detected.
   - **Manage networks**: Manage your saved Wi-Fi networks.
   - **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
   - **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
   - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
   - **Install network certificates**: Install authentication certificates.
   - **Wi-Fi control history**: View apps that have turned Wi-Fi on or off most recently.
   - **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
   - **IP address**: View your device's IP address (not configurable).

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections using Wi-Fi, without having to connect to a Wi-Fi network.

Connect to a Device with Wi-Fi Direct

Use Wi-Fi Direct to connect directly to other Wi-Fi Direct devices.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
   - Wi-Fi must be on to configure settings.
3. Tap **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. Tap a device, and then follow the prompts to complete the connection.

Send and Receive Data with Wi-Fi Direct

Share data with another device using Wi-Fi Direct.

1. Connect your phone to the device using Wi-Fi Direct. See "Connect to a Device with Wi-Fi Direct" on page 106 for more information.
2. From an app, type **Share** or **More options** > **Share**.
   - Your app's sharing options may vary.
3. Tap **Wi-Fi Direct** and follow the prompts.

Disconnect from Wi-Fi Direct

Disconnect your phone from a Wi-Fi Direct device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Wi-Fi** > **Wi-Fi Direct**.
3. Tap a device to disconnect it.

Bluetooth

Bluetooth is a short-range communications technology that connects your device wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

The Bluetooth communication range is approximately 30 feet.

Pair with a Bluetooth Device

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
   - Make sure that the target device is discoverable so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
   - When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   - To manually perform a new scan, tap **Scan**.

3. Tap the name of the target device when you see it displayed in the Bluetooth devices section.
    - Your device automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Rename a Paired Device

Once you have paired your device to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap **Settings** next to the previously paired device, and then tap **Rename**.
4. Enter a new name, and tap **Rename**.

Send and Receive Data with Bluetooth

Use Bluetooth to transfer information between your phone and another Bluetooth-enabled device.

Send Data Using Bluetooth

Share data with another device using Bluetooth.

1. From an app, type **Share** or **More options** > **Share**.
    - Your app's sharing options may vary.
2. Tap **Bluetooth** and follow the prompts.

Receive Data Using Bluetooth

Share data with another device using Bluetooth.

1. When another device attempts to send a file to your phone using Bluetooth, you will see a request to accept the file.
2. Tap **Accept**.
3. To open the file, drag down the Notification panel and tap **File received**.

Connect with a Bluetooth Device

Listen to music using a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap a device from the "Paired devices" list.
   - When the device is connected to your phone, **Bluetooth connected** is displayed in the status bar.

Disconnect from a Bluetooth Device

Disconnect a Bluetooth device from your phone.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn off Bluetooth.

Unpair from a Bluetooth Device

When you unpair from a Bluetooth device, the two devices no longer recognize each other. To connect again, you have to pair the devices.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap **Settings** next to the paired device, and then tap **Unpair** to delete the paired device.

Tablet Visibility

You can make your device visible to allow other devices to find it and share content.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Tablet visibility**, and then tap **On/Off** to turn on visibility.

Data Usage

Monitor how your data is being used, and set limits and restrictions to conserve it. Your service provider may account for data usage differently.

Check Mobile Data Usage by Apps

Monitor your apps' mobile data usage.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Data usage** > **Wi-Fi Data Usage**.
3. Tap an app to view details.

Restrict Data Usage

Prevent apps that are running in the background from using certain Wi-Fi network.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Data usage** > **Restrict networks**.
3. Tap **On/Off** next to the networks that should not be used by apps running in the background.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in Airplane mode, you can use other features such as playing music, watching videos, and other offline applications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Airplane mode**.
3. Tap **On/Off** to turn on Airplane mode.

Location

Some apps, such as Google Maps, may require one or more location services be turned on for full functionality.

Locating Method

Before using any features that require location assistance, you must enable your device's location services.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **Locating method** to select how your location is determined:
   - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks.

- **Battery saving**: Uses Wi-Fi and mobile networks (no GPS).
- **Device only**: Uses GPS only.

5. Tap **Improve accuracy** to use other connections for determining your location:
   - **Wi-Fi scanning**: Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.
   - **Bluetooth scanning**: Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap an entry under **Recent location requests** to view the app's settings.

Location Services

Google Location History™ stores and uses your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **Google Location History** and sign in to your Google Account for more options.

Nearby Device Scanning

Scan for nearby devices to connect to and set them up easily. You receive a notification when there are available devices to connect to. This function uses Bluetooth Low Energy scanning even if Bluetooth is turned off on your device.

To enable nearby device scanning:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **Nearby device scanning**.
3. Tap **On/Off** to enable the feature.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **Printing**.
3. Tap a print service and follow the prompts.
   - To configure Samsung Print Service Plugin, tap it, and then tap **More options** > **Printing settings**.
   - Tap **Download plug-in** to install additional print service drivers.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs). You must set a secured screen lock before setting up a VPN. For more information, see "Set a Screen Lock" on page 142.

Set Up and Manage a VPN

Use the VPN settings menu to add, edit, or delete a VPN connection to your device.

To add a VPN:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **VPN**.
3. Tap **Add VPN** and follow the prompts to set up your VPN.

To edit or delete a VPN:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **VPN**.
3. Tap **Settings** next to the VPN that you want to edit or delete.
4. Edit the VPN and tap **Save**.

   – or –

   Tap **Delete** to delete the VPN.

Connect to or Disconnect from Your VPN

Once you have set up a VPN connection, connecting to and disconnecting from the VPN is easy.

To connect to a VPN:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **VPN**.
3. Tap the VPN, enter your log in information, and tap **Connect**.

To disconnect from a VPN:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings** > **VPN**.
3. Tap the VPN, and then tap **Disconnect**.

Ethernet

Manage your Ethernet connections.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Connections** > **More connection settings**.
3. Tap **Ethernet** and follow the prompts to connect to an Ethernet network.

Sounds and Vibration

Configure the sounds and vibrations used to indicate notifications, screen touches, and other interactions.

Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Sound mode**, and then choose a mode:
   - **Sound**: Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
   - **Vibrate**: Vibrate for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
   - **Mute**: Mute all sounds and notifications.

Volume

Set the system volume level and default volume for call ringtones, notifications, and other audio.

You can also set the Ringtone volume from a Home screen by pressing the **Volume** key.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Volume** and drag the sliders to set the default volume for:
   - Notifications
   - Media
   - System

Media Volume Limiter

Limit the maximum output of the device's volume. You can also set a PIN to prevent unauthorized users from changing this setting.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Volume**.
3. Tap **More options** > **Media volume limiter**.
   - Tap **On/Off** to enable this feature.
     - When enabled, drag the **Custom volume limit** slider to set the maximum output volume.
   - Tap **Set volume limit PIN** to prevent changes to the volume setting.

Vibration Intensity

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Vibration intensity**.
3. Drag the sliders to set the various vibration intensities.

Notification Sounds

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Notification sounds** and configure the following options:
   - **Default notification sound**: Choose a default sound for all notifications.
   - **Calendar notifications**: Choose a sound for calendar notifications, and enable or disable vibration alert.
   - **Email notifications**: Configure email account notifications. An email account must be configured for this option to be available.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do not disturb mode:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Do not disturb**.
3. Tap **Turn on now** to enable this option.
4. Tap **Turn on as scheduled**, and then tap **Days**, **Start time**, and **End time** to set up a do not disturb schedule.
5. Tap **Allow exceptions** to customize which notifications are allowed while your device is in Do not disturb mode.
6. Tap **Hide visual notifications** to prevent notifications silenced by Do not disturb from appearing on the screen.

System Sounds

Set various other system sound options.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration**, and tap to enable each option:
   - **Touch sounds**: Play tones when you touch or tap the screen to make selections.
   - **Screen lock sounds**: Play a sound when you unlock the screen.
   - **Charging sound**: Play a sound when a charger is connected.
   - **Vibration feedback**: Vibrate when Back or Recent apps are tapped, and for other actions.

Key-Tap Feedback

Play tones when the dialing keypad or the keyboard is tapped.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration**, and then tap to enable each option:
   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.
   - **Keyboard vibration**: Vibrate when the Samsung keyboard is tapped.

Sound Quality and Effects

You can enable sound effects when connected to a headset. Sound effects are only available when headphones or a compatible Bluetooth headset (not included) is connected.

Choose from advanced sound options to customize your audio experience.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and vibration** > **Sound quality and effects**.
3. Tap **Equalizer** and choose a setting, or tap **Advanced** or **Basic** to customize your sound settings.
4. Tap **On/Off** to enable each option:
   - **UHQ upscaler**: Enhance the sound resolution of music and videos for a clearer listening experience.
   - **Surround**: Recreate the effects of rich surround sound.
   - **Tube Amp Pro**: Simulate the soft timbre of a tube amplifier.
   - **Concert hall**: Simulate the reverb of a concert hall.
5. Tap **Adapt sound** and follow the prompts to customize your sound settings.

Notifications

Select which apps you want to receive alerts from.
Alerts include notifications, sounds, and vibrations.

Notifications Settings

The following topics cover your phone's Notifications settings options.

To access notification settings:

1. From a Home screen, tap Apps > Settings.
2. Tap **Notifications**.
3. Tap **On/Off** next to an app to enable or disable notifications.
   - Tap **Advanced** to configure more notification options for individual apps.

Display

Configure your display’s brightness, screen timeout delay, and other display settings.

Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display**.
3. Customize options under Brightness:
   - Drag the **Brightness** slider to set a custom brightness level.
   - Tap **Auto brightness** to allow the device to adjust brightness automatically.

Blue Light Filter

Use Blue light filter at night to help you sleep better. You can set a schedule to automatically turn this feature on and off.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Blue light filter**.
3. Tap **Turn on now** to enable this feature.
   - When enabled, drag the **Opacity** slider to set the opacity of the filter.
4. Tap **Turn on as scheduled** to set a schedule for when Blue light filter should be enabled.
   - When enabled, you can choose **Sunset to sunrise** or **Custom schedule**.

Screen Mode

Choose a screen mode to match your type of viewing.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Screen mode** and choose a screen mode:
   - Tap **Adaptive display** if you want your device to automatically optimize the display to match the type of image displayed and other criteria, such as battery level.

     – or –

     Choose a specific type of screen mode based on what you are viewing.

Screen Zoom and Font

You can set the font size and style for all text that is displayed on the screen.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Screen zoom and font** to choose a font size and style.
   - Drag the **Screen zoom** slider to scale content to appear larger or smaller on the screen.
   - Drag the **Font size** slider to adjust the font size.
   - Tap a font style to select a font, or tap **Download fonts** to find new fonts from Galaxy Apps.
3. Tap **OK** to set the font size and style.

Home Screen

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

To customize Home screen:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Home screen**.

   – or –

   From a Home screen, either touch and hold an empty space on a screen or pinch the screen.

For more information, see "Home Screen" on page 18.

Icon Frames

You can show icons with shaded frames to make them stand out on the Home screen and Apps list screen.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Icon frames** and choose one of the following options:
   - **Icons only**: Show icons only.
   - **Icons with frames**: Show icons with shaded frames.
3. Tap **Done** to save your setting.

Status Bar

Configure display options for the Status bar.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Status bar**.
   - Tap **Show recent notifications only** to display only the three most recent notification icons on the Status bar.
   - Tap **Show battery percentage** to display the battery charge percentage next to the battery icon on the Status bar.

Screen Timeout

Turn the screen off after a set amount of time.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Screen timeout** and choose a time period.

Screen Saver

Screen saver controls what is displayed on the screen when the device is docked (dock not included) or while charging. You can choose to display colors or photos.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Display** > **Screen saver**.
3. Tap **On/Off** to enable Screen saver. You can configure the following options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Photo table**: Display pictures in a photo table. Tap **Settings** for options.
   - **Photo frame**: Display pictures in a photo frame. Tap **Settings** for options.
   - **Photos**: Display pictures from your Google Photos account. Tap **Settings** for options.
4. Tap **Preview** to see a demonstration of Screen saver.

Device Maintenance

Device maintenance provides an overview of the status of your device's battery, storage, RAM, and device security. You can also automatically optimize your device's system resources.

Quick Optimization

The quick optimization feature improves device performance through the following actions:

- Identifying apps that use excessive battery power and clearing unneeded items from memory.
- Deleting unnecessary files and closing apps running in the background.
- Scanning for malware.

To use the quick optimization feature:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance**.
3. Tap **Optimize now**.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Battery** for options:
   - **Battery usage**: View details of battery usage by item.
   - **Power saving mode**: Extend battery life by selecting a power saving mode level. Choose **Off**, **Mid**, or **Max**. Estimated remaining battery life for each mode is provided.
   - **App power monitor**: Put apps to sleep so that they do not use battery power when not in use. Tap **Save power** to enable.
   - **Unmonitored apps**: Select apps to exclude from being put to sleep by the App power monitor.
   - **More options** > **Advanced settings**: Configure advanced battery settings.

Storage

View the device memory and usage. Mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Storage**. Used memory is divided into:
   - Documents
   - Images
   - Audio
   - Videos
   - Apps

To increase available memory:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Storage**.
3. Tap **Clean now** and follow the prompts.

Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory is displayed in the Storage setting.

For more information, see "Install an Optional Memory Card" on page 6.

Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you need to mount it before it can be accessed.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Storage**.
3. Tap **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, and then tap **Mount**.

Remove a Memory Card

Warning: To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Storage**.
3. Tap **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, and then tap **Unmount**.
5. Insert the removal tool into the hole on the SIM card/Memory card tray, and push until the tray pops out.
6. Remove the memory card from the tray, and slide the tray back into the slot.

Format a Memory Card

Warning: When formatting an SD card, you should back up your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Storage**.
3. Tap **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, tap **Format**, and then follow the prompts.

Memory

Check the amount of available memory. You can close background apps and reduce the amount of memory you are using to speed up your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Memory**.
   - The used and available RAM are shown.
3. To free up as much RAM as possible, tap **Clean now** and follow the prompts.
   - The selected apps and services in the list will be closed.

Device Security

Configure and monitor security settings for your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Device maintenance** > **Device security**.
   - To enhance security for some of your content, tap **Settings** to set up Secure Folder. For more information, see "Secure Folder" on page 145.
   - Follow the on screen instructions to get award-winning security apps, and more.

Language and Input

Configure your device's language and input settings.

Language

You can select a default language for your device's menus and keyboards.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Language**.
3. Select a language from the list.

Default Keyboard

You can select a default keyboard for your device's menus and keyboards.

Additional keyboards can be downloaded from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Virtual keyboard**.
3. Tap a keyboard.

Manage keyboards

Select the keyboards to use, if more than one keyboard is available. Additional keyboards can be downloaded from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Virtual keyboard** > **Manage keyboards**.
3. Tap **On/Off** to enable or disable automatic Google voice typing.

Physical Keyboard

If you use a physical keyboard with your device, you can still show the virtual keyboard on the screen.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Physical keyboard** for options:
   - **Show virtual keyboard**: Show the virtual keyboard while a physical keyboard is also being used.
   - **Keyboard shortcuts**: Show available keyboard shortcuts on the screen as buttons.

Handwriting Recognition Language

Handwriting can be recognized in S Note and Action Memo. Use this option to select a language that will be used by the device to recognize your handwriting.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input**
3. Under **Handwriting recognition**, tap **Language**.
   - Tap **Select input languages** to select a new language.

Text-to-Speech Options

Configure your Text-to-Speech (TTS) options. TTS is used for various accessibility features, such as Voice Assistant. For more information, see "Accessibility" on page 156.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input** > **Text-to-speech** for options:
   - **Preferred TTS engine**: Choose either the Samsung or Google Text-to-speech engine. Tap **Settings** next to each TTS engine for options.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Pitch**: Set the pitch at which the text is spoken.
   - **Reset speech rate**: Reset the speed at which the text is spoken to the default setting.
   - **Reset pitch**: Reset the pitch at which the text is spoken to the default setting.
   - **Listen to an example**: Play a short demonstration of speech synthesis.
   - **Default language status**: Display the default language in use.

Pointer Speed

Configure pointer speed for an optional mouse or trackpad (not included).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Language and input**.
3. Under **Pointer speed**, drag the slider to the right to go faster or to the left to go slower.

Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Date and time**. The following options are available:
   - **Automatic date and time**: Receive date and time updates from the wireless network. When Automatic date and time is disabled, the following options are available:
     - **Set date**: Enter the current date.
     - **Set time**: Enter the current time.
   - **Select time zone**: Choose your local time zone.
   - **Use 24-hour format**: Set the format for displaying time.

Report Diagnostic Info

This feature sends diagnostic information about your device when you are having technical problems.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Report diagnostic information**.
3. Read the consent information, and then tap **Yes** to enable this feature or tap **No thanks**.

Reset

Reset device and network settings. You can also reset your device to its factory defaults.

Reset Settings

You can reset your device to its factory default settings, which resets everything except the security, language, and account settings. Personal data is not affected.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Reset** > **Reset settings**.
3. Tap **Reset settings**, and confirm when prompted.

Reset Network Settings

You can reset Wi-Fi, Mobile data, and Bluetooth settings with Reset network settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Reset** > **Reset network settings**.
3. Tap **Reset settings**, and confirm when prompted.

Factory Data Reset

You can reset your device to factory defaults, erasing all data from your device.

This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files. Any data stored on an external SD card is not affected.

Note: When you sign in to a Google Account on your device, Factory Reset Protection is activated. This protects your device in the event it is lost or stolen. For more information, see "Factory Reset Protection" on page 12.

If you reset your device to factory default settings with the Factory Reset Protection (FRP) feature turned on, you must enter the user name and password for a registered Google Account to regain access to the device. You will not be able to access the device without the correct credentials.

Warning: If you reset your Google Account password, it can take 24 hours for the password reset to sync with all devices registered to the account.

Before resetting your device:

1. Verify that the information you want to keep has transferred to your storage area.
2. Log in to your Google Account and confirm your user name and password.

To reset your device:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Reset** > **Factory data reset**.
3. Tap **Reset** and follow the prompts to perform the reset.
4. When the device restarts, follow the prompts to set up your device.

Auto Restart

Optimize your device by restarting it automatically at set times. The device only restarts if it is not in use and battery power is more than 30 percent.

Note: Any unsaved data is lost when the device restarts.

To enable Auto restart:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **General management** > **Reset** > **Auto restart**.
3. Tap **On/Off** to activate Auto restart, and then set the following parameters:
   - **Time**: Set the time of day to restart your device.
   - **Days**: Select the day of the week to automatically restart your device.

Software Update

Check for and install available software updates for your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Software update** for the following options:
   - **Download updates manually**: Check for and install available software updates.
   - **Scheduled software updates**: Set a time to automatically check for and install available software updates.

Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.

Set a Screen Lock

It is recommended that you secure your device using a Screen lock. Options vary based on the screen lock type.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Screen lock type** to select a screen lock and level of security:
   - **Swipe**: Swipe the screen to unlock it. This option provides no security.
   - **Pattern**: Create a pattern that you draw on the screen to unlock your device. This option provides medium security.
   - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
   - **Password**: Create a password for unlocking the screen. This option provides high security.
   - **None**: Do not lock the screen.
   - **Fingerprints**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
3. Select your notification preferences, if you choose a secured lock screen option:
   - Show content
   - Hide content
   - Do not show notifications
4. Tap **Set up** to set up and use your fingerprints to unlock the device in addition to a PIN, pattern, or password. Tap **Later** to skip fingerprints setup.
5. Choose a screen lock option:
   - **Info and app shortcuts**: Display a dual clock, owner information, or app shortcuts on the Lock screen.
   - **Notifications**: Show notifications on the Lock screen.

- **Secure lock settings**: Set your secure lock functions such as Secured lock time and Smart lock. This option is not available with Swipe.

Fingerprints

Use fingerprint recognition as an alternative to entering passwords in certain apps. You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But, in rare cases, the sensor may recognize a fingerprint that is similar to a registered fingerprint**.

Register a Fingerprint

You can register up to four fingerprints. A password must also be set up as an alternative to your fingerprint.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Fingerprints**.
   - If no fingerprints are registered, you are prompted to choose a secure screen lock and scan your fingerprint. Follow the prompts to complete setup.
   - To add a fingerprint, tap **Add fingerprint** and follow the prompts to register a fingerprint and password. You must set a pattern, PIN, or password to protect your fingerprints.
   - To rename a fingerprint, tap the fingerprint, enter a new name, and then tap **Rename**.
   - To delete a fingerprint, tap edit, tap the fingerprint to remove, and then tap **Remove**. Confirm when prompted.

Fingerprint Verification

Fingerprint verification can be used for other accounts accessed from your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Fingerprints** for the following options:
   - **Web sign-in**: Access your online accounts using your fingerprint.
   - **Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.
   - **Fingerprint unlock**: Tap **On/Off** to enable or disable fingerprint security.

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely. You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

► To access your device remotely, visit findmymobile.samsung.com.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Find My Mobile**.
3. Enter your Samsung account password or, if you are not logged in to your Samsung account, tap **Add account** and follow the prompts. The following options are available:
   - **Remote controls**: Activate or deactivate Remote controls, which allows you to access your device remotely.

- **Google location service**: Activate or deactivate Google location service. This service must be on in order to find your device.

Unknown Sources

Enable installation of non-Google Play applications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Unknown sources** to enable this option.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Secure Folder

Lock your private content and apps to enhance security. You must sign in to your Samsung account in order to use Secure Folder. You must also set a secure lock for your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Secure Folder** and follow the prompts to secure content on your device.

Secure Startup

Protect your device by requiring a numeric PIN or password to be entered before it starts up.

Note: You must have a secured screen lock for this option to be available.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Secure startup** and select an option.

Encrypt SD Card

Require a numeric PIN or password to decrypt your optional memory card (not included) when you first access it after powering on your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Encrypt SD card**.
3. Tap **Encrypt SD card** and follow the prompts to encrypt all data on your memory card.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Security update service options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Use Wi-Fi to send security reports to Samsung for threat analysis.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Device administrators**.
   - Tap **Android Device Manager** to allow it to lock or erase a lost device.
   - Tap **Secure Folder** to allow it to perform the operations listed.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Credential storage options:
   - **Storage type**: Select a storage location for credential contents.
   - **View security certificates**: Display certificates in your device's ROM and other certificates you have installed.
   - **User certificates**: View user certificates.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following advanced options:
   - **Trust agents**: Perform selected actions when trusted devices are connected.
     - To view Trust agents, set up a secured screen lock (Password, PIN, or Pattern). For more information, see "Set a Screen Lock" on page 142.
   - **Pin windows**: Pin an app on your device screen, preventing access to other features of your device.
   - **Usage data access**: View the applications that can access your device's usage history.
   - **Notification access**: View the applications that can access notifications you receive on your device.
   - **Do not disturb permission**: View which apps have permission to change the Do not disturb settings.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Samsung Cloud

Keep your data safe by backing up and restoring your device. You can also sync your data from multiple devices.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Samsung cloud**.
   - If a Samsung account has not been added, tap **Add account** and follow the prompts.
3. Once a Samsung account is configured, the following options are available:
   - **Manage cloud storage**: View how much cloud storage your data is using.
   - **Backup settings**: Configure backup for supported apps using your Samsung Cloud account.
   - **Restore**: Download any stored backup information to your device.
   - **Sync settings**: Tap the following items to enable or disable syncing:
     - **Contacts (Samsung account)**: Sync contact info.
     - **Calendar (Samsung account)**: Sync your events and tasks.
     - **Samsung Notes**: Sync your notes and categories.
     - **Internet**: Sync bookmarks, saved pages, and opened tabs from your browser.
     - **Keyboard data**: Sync predictive text data.
     - **Gallery**: Sync your images and videos.
   - **More options**:
     - **Sync now**: Sync all selected settings for your Samsung account.
     - **Sync information**: Read more information on what can be synced with your Samsung Cloud account.

- **Settings**: Configure Sync, notifications, or remove your Samsung account.
- **FAQ**: Launch the Samsung help web site to view additional information based on frequently asked questions.
- **Contact us**: Contact Samsung.

Accounts

Configure email, social networking, and other supported accounts.

Add an Account

You can add and manage all your email, social networking, and picture and video sharing accounts.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

You can synchronize your calendar, contacts, and other types of accounts.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts** > **[Account type]**.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap **More options** > **Sync now** to synchronize the account.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts** > **[Account type]**.
3. Tap an account to configure that account's sync settings.
4. Tap other available options for the account type.

Remove an Account

You can remove accounts from your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Accounts** > **[Account type]**.
3. Tap the account and then tap **More options** > **Remove account**.

Users

Share this tablet with multiple people by creating User accounts.

Users have their own space, which they can customize with their own apps, wallpaper, and settings. Users can also adjust tablet settings like Wi-Fi, which affects everyone.

Restricted profiles allow only limited access to apps and content.

Set Up User Profiles

Set up user profiles and then select one when unlocking the device to use personalized settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Users**.
3. Tap **Add user or profile** and follow the instructions to set up a new user or profile.

Delete a User or Profile

To delete a user or profile:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Users**.
3. Tap **Delete** user next to a User profile.

Note: Only the device owner can delete other users or profiles. Deleting a user's profile removes the user account from the device entirely. This includes the user's Google Account, Samsung account, and any other local accounts associated with the user.

Switch User Profiles

To access the device with a user profile:

► From a Lock screen, tap Manage users for the user or profile.

Change User Account Nicknames and Photo IDs

The photo and name each user uses in their personal Contact entry (listed under **My profile** at the top of their Contacts list) is used as their User ID and name.

To change their ID photo and name, each user can edit their personal Contact entry. For more information, see "Edit a Contact" on page 62.

Backup and Restore

Back up your data to your Samsung or Google accounts.

Samsung Account

Enable backup of your information to your Samsung account.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Backup and restore** for options:
   - **Backup settings**: Configure your Samsung account to back up your data.
   - **Restore**: Use your Samsung account to restore your backup data.

Google Account

Enable backup of your information to your Google account.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Cloud and accounts** > **Backup and restore** for options:
   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - **Backup account**: Select a Google Account to be used as your backup account.
   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Google Settings

Configure your device's Google settings.

Customize Google

To customize your Google settings:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Google**, and select an option to customize:
   - **Location**: Configure your Google location settings.
   - **Security**: Configure the Android Device Manager and apps security settings.
   - **Ads**: Configure your Google advertising profile.
   - **Nearby**: Use your device's sensors to connect with nearby devices.
   - **Search & Now**: Configure your Google search settings and Google Now settings.
   - **Set up nearby device**: Set up another device using Wi-Fi and Bluetooth.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

For more information about Accessibility for Samsung products, please contact us at accessibility@sea.samsung.com.

Vision

To set accessibility settings related to vision:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Vision**.
   - **Voice Assistant**: Give spoken feedback to assist blind and low-vision users.
     - Voice Assistant can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
   - **Voice Assistant help**: View help on using Voice Assistant.
   - **Dark screen**: Keep the screen turned off at all times for privacy.
   - **Rapid key input**: Release your finger to enter selection instead of double tapping.
   - **Speak passwords**: Read the characters aloud as you enter your passwords.
   - **Accessibility shortcut**: Quickly enable accessibility features in two quick steps.
   - **Screen zoom and font**: Set the zoom size, and the font size and style.
   - **High contrast fonts**: Adjust the color and outline of fonts to increase the contrast with the background.
   - **High contrast keyboard**: Adjust the size of the Samsung keyboard and change its colors to increase the contrast between the keys and the background.
   - **Show button shapes**: Show buttons with shaded backgrounds to make them stand out.
   - **Magnifier window**: Magnify content shown on the screen.

- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Large mouse/touchpad pointer**: Enable to display a large mouse or touchpad pointer.
- **Grayscale**: Change all colors to gray.
- **Negative colors**: Reverse the display of colors from white text on a black background to black text on a white background.
- **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color.

Hearing

To set accessibility settings related to hearing:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Hearing**.
   - **Flash notification**: Set your camera light to blink whenever you receive a notification.
   - **Mute all sounds**: Turn off all notifications and audio for privacy.
   - **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available.
   - **Google subtitles (CC)**: Use Google subtitles with multimedia files when available.
   - **Left/right sound balance**: Use the slider to set the left and right balance when using a stereo device.
   - **Mono audio**: Switch audio from stereo to mono for use with one earphone.

Dexterity and Interaction

To set accessibility settings related to dexterity and interaction:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility** > **Dexterity and interaction**.
   - **Universal switch**: Control your device with your customized switches.
   - **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
   - **Press and hold delay**: Select a time interval for this action.
   - **Click after pointer stops**: If you use a mouse with your device, tap **On/Off** to enable this option, which causes your device to automatically click when the mouse cursor stops moving. Drag the **Delay before click** slider to set the amount of time to delay the click once the mouse cursor stops moving.
   - **Interaction control**: Block areas of the screen from touch interaction. Disable auto screen rotation and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More Accessibility Settings

To set more accessibility settings:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility**.
   - **Text-to-speech**: Set your preferred TTS engine and options. For more information, see "Text-to-Speech Options" on page 136.
   - **Direction lock**: Unlock the screen by swiping in a series of directions.
   - **Direct access**: Open your accessibility settings by pressing the **Home** key quickly three times in succession.
   - **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
   - **Single tap mode**: Dismiss or snooze alarms, calendar events, and timer alerts, and answer or reject incoming calls with a single tap.
   - **Manage accessibility**: Import and export your accessibility settings, or share them with another device.
   - **Services**: Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.

Other Settings

Configure features on your device that make it easier to use.

S Pen Settings

Configure options and settings for the S Pen.

To configure settings for the S Pen:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Advanced features** > **S Pen** to configure the following settings:

General

- **Air command**: Configure the Air command menu. For more information, see "Air Command Settings" on page 41.
- **Air view**: Turn Air view on or off.
- **Direct pen input**: Turn the Direct pen input feature on or off. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.
- **Pointer**: Turn the pointer on or off. The pointer appears on the screen when the tip of the S Pen is hovering close enough. Holding the pointer over some features can reveal what an item is or what it does.
- **Screen off memo**: Create notes by detaching the S Pen while the screen is turned off and then writing on the screen. Screen off notes are saved in Samsung Notes.

Feedback

- **S Pen sound**: Select a sound for the device to make when the S Pen is detached from the device.

For more information on using the S Pen, see "S Pen" on page 35.

Accessories

Configure options when using a book cover (not included).

Flip the cover open to unlock the screen when secure lock is turned off.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Advanced features** > **Accessories**.
3. Tap **Automatic unlock** to enable this feature.

Other Features

Configure features on your device that make it easier to use.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Advanced features**.
3. Tap **On/Off** to enable each of the following:
   - **Smart stay**: The screen does not time out as long as you are facing the front camera.
   - **Games**: Manage useful features while you play games.
     - **Game launcher**: Automatically arranges all your games in one place.
     - **Game tools**: When enabled, a button floating over top of your game provides convenient game features.
   - **Multi Window**:
     - **Split screen view action**: Touch and hold the **Recent apps** key to change the current app from full screen view to split screen view. While in split screen view, touch and hold the **Recent apps** key to close the app on the bottom.
     - **Pop-up view gesture**: When an app is open on the screen, adjust the size of the app by swiping down diagonally from either corner of the screen.

- **Smart capture**: Capture an image of any scrollable areas of the screen that are currently hidden, as well as the area that is visible, and crop and share the screenshot immediately enable each of the following:
- **Palm swipe to capture**: Capture an image of the screen by swiping the edge of your hand across it, from side to side, keeping in contact with the screen.
- **Easy mute**: Mute sounds and video by covering the screen or turning over the device.
- **Direct share**: Share content with specific people directly using the sharing panel from within any app.

About Device

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **About device**, and then tap items for more details:
   - **Status**: View the status of the battery, network, and other information about your device.
   - **Legal information**: View legal notices and other legal information, including your embedded Samsung legal information.
   - **Device name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Getting Help

Additional resources for your device.

Videos

samsung.com/spsn

Simulators

samsungsimulator.com/

Tips

samsung.com/us/support/tips/galaxy/

Samsung Support

samsung.com/us/support

Legal

View legal information for your device.

Legal Information

Important legal information can be accessed in writing, on the mobile device, or at: samsung.com

READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.

Samsung Limited Warranty - This product is covered under the applicable Samsung Limited Warranty **INCLUDING THE DISPUTE RESOLUTION PROCEDURE FOR WARRANTY AND OTHER CLAIMS, and your right to opt out of arbitration within 30 calendar days of the first consumer purchase. You may opt out by either sending an email to optout@sea.samsung.com with the subject line "Arbitration Opt Out" or by calling 1-800-SAMSUNG (726-7864)**. For more detailed procedures, please refer to the "Dispute Resolution Procedures and Arbitration and Opt Out" section of the Limited Warranty.

Health & Safety and Warranty

Full written terms and detailed information about the warranty and obtaining service are available on the device at: **Settings** › **About device** › **Legal information** › **Samsung legal**.

You may also access the online version for your device at:

PHONE

English: samsung.com/us/Legal/Phone-HSGuide

Spanish: samsung.com/us/Legal/Phone-HSGuide-SP

TABLET

English: samsung.com/us/Legal/Tablet-HSGuide

Spanish: samsung.com/us/Legal/Tablet-HSGuide-SP

End User License Agreement for Software (EULA)

The online version of the End User License Agreement (EULA) for your device can be found online at: samsung.com/us/Legal/SamsungLegal-EULA4

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Samsung Knox

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Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children under the age of 3 to play with it because they could hurt themselves or others or damage the device. If parents choose to allow children 3 or older to use the device, they should make sure that there is adequate supervision of children while using the device to guard against damage to the device and use of services that may increase wireless or other charges.

Parental control settings should be enabled to ensure that children do not have access to services or content not approved by the parent. Routinely check this device to ensure it is working properly and is safe for children to use.

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Some multimedia (audio/video) files contain Digital Rights Management (DRM) technology to verify you have the right to use the files. Preloaded apps on your device may not be compatible with DRM-protected files.

Screen images are simulated. Appearance of device may vary.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.